

**PRINTING AND PHOTOGRAPHY GROUP
QUARTERLY MBO PROGRESS REPORT**

OBJECTIVE STATEMENT: Identify Alternative Enhanced
Electronic Composition Systems
for the 1990's
(Study - PPG/S02/90)

RESPONSIBLE OFFICER:

STAT

QUARTER ENDING: March 1990

I. ACTIVITY THIS PERIOD:

See attachment

II. PROBLEMS ENCOUNTERED:

III. PLANS FOR NEXT PERIOD:

27 March 1990

OBJECTIVE STATEMENT: Identify Alternative or Enhanced Electronic Composition Systems for the 1990's

I. PERIOD ENDING March 1990

- STAT
STAT 1. In January representatives of the Prepress Branch and the ADP Staff met with personnel from the General Procurement Division to get an overview of the procurement process. Procurement identified [] C/Core Team to handle this project. P&PG personnel will set up an appointment to meet with []
- STAT 2. In February Chief, P&PG and Chief and Deputy Chief, Prepress Branch met with Ron [] from CPAS. [] wanted to brief P&PG on his project to produce the NID and PDB publications on a desktop publishing system which will provide P&PG with camera-copy-generated from a 1000 dpi laser printer. After the briefing, C/P&PG discussed our FY91 initiative and how it will support CPAS requirements. P&PG personnel briefed CPAS management on the concept of this initiative.
- STAT 3. Also in February, Prepress representatives met with Charlie Andrews, Atex sales representative, who assured us that Atex is continuing to improve and develop the "new" system and that the beta site was now producing live jobs on their setup. He stated that the new PC-based systems would now be using an IBM RT file server, not the Sun 360.
- STAT 4. [] Chief, P&PG ADP Staff and [] attended an OIR demonstration on passing Postscript files containing text and line art graphics from a PC through the OIT mainframe to another PC. The purpose of this test was to simulate customers passing data composed on a desktop publishing system to P&PG for output to the Autologic APS/6 phototypesetter.
- STAT 5. Deputy Chief, Prepress attended the Contract Process Course 5-16 March.
- STAT 6. Chief, P&PG ADP Staff and Deputy Chief, Prepress met with [] OIT, in response to P&PG's request for assistance from OIT in the identification, description and installation of all the communication connections between the current systems and the replacement systems. [] agreed to provide OIT resources and begin to document the current system.
- STAT
STAT 7. On 20 March, Chief and Deputy Chief Prepress Branch met with [] to discuss the potential support that a new system could provide to CPAS.
8. Working with Chief, Publications Center, CPAS, I have collected several unclassified samples that are representative of CPAS publications. These samples will be used when vendors are asked to demonstrate the ability of their systems to set our work. A sample book has been created, hard copy printouts generated and a floppy disk containing the text (created using MS/Word). These items will assist us in preparing benchmark tests. We are also continuing to document current procedures to aid in establishing tests.

STAT

9. On 5-8 March [redacted] Chief, P&PG/ADP Staff and [redacted] Prepress Compositor, attended the 1990 Seybold Seminar and trade show on Publishing. This is the premier publishing conference and enabled P&PG personnel to stay informed of the latest technology available.

10. C/P&PG has approached CPAS and FBIS senior management for support in hiring a publishing consultant. In a discussion with Mr. Jack Powers, President, Interactive Features, Inc. (IFI) he stated that he will be broadcasting a 60 minute television show live from Dusseldorf, Germany, the site of this years DRUPA publishing trade show. Chief, Headquarters Division will contact the appropriate agency component and request that this show be taped.

II. PROBLEMS ENCOUNTERED:

STAT

1. Due to the change in Procurement teams P&PG personnel will contact [redacted] to set up another meeting to brief Procurement on this project.

III. PLANS FOR NEXT PERIOD:

STAT

1. Chief and Deputy Chief Prepress Branch will brief D/CPAS and senior CPAS management on 30 March on the concept of operations for P&PG's new system.

2. On 1 May, Chief, P&PG, Chief and Deputy Chief Prepress Branch will visit Whittle Communications in Knoxville, Tennessee for a briefing and demonstration of their Atex PC based composition system.

3. On 29 March, Chief and Deputy Chief Prepress Branch, and Chief, CPAS Publications Center will meet with [redacted] OIR to review a draft of operating procedures for passing desktop documents to P&PG.

4. Mr. Charlie Andrews, Sales Representative, Atex, is preparing a price quote for software for a stand alone Atex system running Atex Writer, Atex Design and PC Page Makeup. We are checking to see if that software will operate on our existing hardware (PS/2 and Mac). If it will we would have the opportunity to fully test a single workstation before purchasing an entire network. Mr. Andrews provided a verbal estimate of \$7,000 for the software. This price does not include any possible upgrades to our hardware.

5. 26 April through 4 May, several P&PG representatives will be attending Drupa 90, a graphic arts trade show in Dusseldorf, West Germany.

Office: DA/OL/P&PG (PPG/S02/90)

Objective Statement: Identify Alternative or Enhanced Electronic Composition Systems for the 90s

Responsible Officer

O — Scheduled Activity

X — Activity Actually Completed

STAT

Activities Planned	Quarter 1			Quarter 2			Quarter 3			Quarter 4		
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
BACKGROUND: In FY89, the functional requirements for a composition system, including features, processing speed and input/output requirements were determined. The FY89 portion of this study was completed in September 1989.												
1. Survey marketplace to determine vendors who have a reasonable chance of meeting requirements.	O											
2. Prepare benchmark test for those vendors identified in market survey. Draft baseline requirements				O		X						
3. Complete benchmark testing goals and requirements. Run benchmark at vendor site and record results. Determine RFP versus Sole Source direction.							O					
4. Prepare final report with cost vs benefit analysis and recommendation. This study is in support of the FY91 Enhanced Composition Support initiative with approval funding by the Agency Comptroller										O		

Office: DDA/OL/P&PG

Objective Statement: (PPG/S02/90)

Responsible Officer: Identify Alt. or Enhanced Elec. Comp. Systems for the 90's

O — Scheduled

X — Actual

STAT

This ongoing study supports the FY-91 Enhanced Composition Support Initiative with approved funding by the Agency Comptroller. (P&PG on-going initiative)

Activities Planned	Quarter 1			Quarter 2			Quarter 3			Quarter 4		
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1. Determine functional reqs. for a composition system including features, processing speed, input & output reqs. (Completed in September 1989)												
2. Survey marketplace to determine vendors who have a reasonable chance of meeting requirements	0											
3. Prepare benchmark test for those vendors identified in market survey				0								
4. Run benchmark at vendor site and record results							0					
5. Prepare final report w/cost vs benefit analysis and recommendations (to be procured in 1991)*										0		
6. Prepare sole source justification for procurement										0	-----	0

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QUARTERLY MBO PROGRESS REPORT

OBJECTIVE STATEMENT: Identify Alternative Or Enhanced
Electronic Composition Systems For The
1990's
(Study - PPG/S02/90)

RESPONSIBLE OFFICER:

STAT

QUARTER ENDING:

December 1989

I. ACTIVITY THIS PERIOD:

1. The Chief and Deputy Chief, Prepress Branch, saw a demonstration of the Magna-composition systems. The system capabilities seem to lie somewhere between our current Atex and Xyvision systems. The formatting code (very intensive) and screen display was similar to our current Atex. The System did not have an interactive WYSIWYG display.

2. On 29 September the Chief, Deputy Chief and a senior supervisor, Prepress Branch, met with John Lally/Regional Manager for Autologics to discuss outstanding Autologics issues. Mr. Lally mentioned that the future could provide an ethernet connection to the Autologics equipment.

3. On Friday, 27 October, the Chief, Deputy Chief, and two senior supervisors, Prepress Branch, visited a local Atex office for a system demo of Atex PC software running on an IBM Model 70 connected to a traditional Atex-PDP11/34 minicomputer. This system is being offered to Atex customers who want to utilize the capabilities of PC's and the PDP11/34. Atex has stated that current plans are to support the 11/34 through 1994.

4. On Thursday, 2 November, the Chief, Deputy Chief and two senior supervisors, Prepress Branch, attended the Folio Graphic Arts Show in New York to see a demonstration of the new "standard platform" Atex system running without the J11.

5. On Thursday, 2 November, the Chief, Deputy Chief and two senior supervisors, Prepress Branch, saw a brief demonstration of Information International, Inc. ((III))/DocuPro-composition-software-running-on-a-Sun

workstation and file server. This system deserves a second look. We will meet again for a more detailed demonstration.

6. On 4-5 December, the Deputy Chief, Prepress Branch, attended the conference "The Technology of Desktop Color." The speaker at this conference was Mr. Jack Powers, President, Interactive Features, Inc. (IFI), a New York City media technology research and engineering firm. Mr. Powers started IFI in 1982 primarily to provide high technology management and production consulting to firms in the publishing and information industries. P&PG recently received an information package from IFI outlining their services and consulting fees. Because of the rapidly changing market of electronic publishing systems P&PG may consider using a publishing consultant.

7. In followup to a 2 November system demonstration, the Deputy Chief and a senior supervisor, Prepress Branch, met with the East Coast District Sales Manager for Information International, Inc. (III). During this meeting, P&PG received additional information on the capabilities of the III, Professional Publisher/2 system. Based on our discussion, the III Manager will schedule a complete demonstration of the system for sometime in February 1990.

II. PROBLEMS ENCOUNTERED:

Because the demonstration of the "new" Atex system was plagued with problems, P&PG has requested that Atex schedule a "private" demo when the local office has the new system installed.

III. PLANS FOR NEXT PERIOD:

1. Whittle Communications, the first site for Atex's "new PC based platform" system is no longer in "beta" and has invited P&PG representatives to their Tennessee office to see the system in production.

2. The Deputy Chief, Prepress Branch, made initial contact with [] in General Procurement Division to review the evaluation and procurement process and the RFP versus Sole Source process. Ms. [] will contact the Procurement individuals that will be involved with this project and schedule a meeting for the week of 15 January.

STAT

STAT

3. The Deputy Chief, Prepress Branch, has requested attendance at the March running of the "Contract

Process Course."

4. Prepress Branch personnel met with primary publishing customers in January 1989 to review their publishing requirements and ADP goals. Followup status will take place in the next quarter.

Office: DDA/OL/P&PG

(PPG/S02/90)

Objective Statement: Identify Alt. or Enhanced Elec. Comp. Systems for the 90's

Responsible Officer:

O — Scheduled

X — Actual STAT

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3. Prepare benchmark test for those vendors identified in market survey				0								
4. Run benchmark at vendor site and record results							0					
5. Prepare final report w/cost vs benefit analysis and recommendations (to be procured in 1991)*										0		
6. Prepare sole source justification for procurement										0	-----	0